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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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EXAMINER
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ART UNIT	PAPER NUMBER
2178	

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Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

	Application No.	Applicant(s)
Office Action Summary	10/676,829	BURNS ET AL.
	Examiner	Art Unit	
	ADAM L. BASEHOAR	2178	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE <u>3</u> MONTH(S) OR THIRTY (30) DAYS,
WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.
- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed
  after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
  Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any
  earned patent term adjustment. See 37 CFR 1.704(b).

Status

1) ☒ Responsive to communication(s) filed on <u>02 March 2009</u>.

2a) ☐ This action is **FINAL.**   2b) ☒ This action is non-final.

3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is
   closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4) ☒ Claim(s) <u>1-29</u> is/are pending in the application.

     4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5) ☐ Claim(s) _____ is/are allowed.

6) ☒ Claim(s) <u>1-29</u> is/are rejected.

7) ☐ Claim(s) _____ is/are objected to.

8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9) ☐ The specification is objected to by the Examiner.

10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.

     Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

     Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

     a) ☐ All   b) ☐ Some * c) ☐ None of:

       1. ☐ Certified copies of the priority documents have been received.

       2. ☐ Certified copies of the priority documents have been received in Application No. _____.

       3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage
   application from the International Bureau (PCT Rule 17.2(a)).

     * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☒ Notice of References Cited (PTO-892)

2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)

3) ☐ Information Disclosure Statement(s) (PTO/SB/08)
   Paper No(s)/Mail Date _____.

4) ☐ Interview Summary (PTO-413)
   Paper No(s)/Mail Date. _____

5) ☐ Notice of Informal Patent Application

6) ☐ Other: _____.

DETAILED ACTION

1.   This action is responsive to communications: The RCE filed 03/02/09.

2.   All previous rejections to the claims have been withdrawn as necessitated by the

Amendment.

3.   Claims 1-29 are pending in this case. Claims 1, 11, and 23, are independent claims.

Claim Rejections - 35 USC § 103

4.   The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all

obviousness rejections set forth in this Office action:

> (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in
> section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are
> such that the subject matter as a whole would have been obvious at the time the invention was made to a person
> having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the
> manner in which the invention was made.

5.   Claims 1-19 and 21-29 are rejected under 35 U.S.C. 103(a) as being unpatentable over

Anuff et al (US-6,327,628 12/04/01) in view of Bales et al (US-2004/0010598 01/15/04).

-In regard to substantially similar independent claims 1, 11, and 23, Anuff teaches a

computer system method for generating a page/graphical user interface, the method comprising:

displaying a first user interface (e.g. Figs. 2 & 10), the first user interface configured to

receive access information associated with a data source declaratively specified by a user during

an interactive session (column 2, lines 1-12; column 3, lines 44-67; column 4, lines 1-14: "user

can edit the content of the individual modules"; column 7, lines 5-24 & 59-63; column 8, lines

38-51; column 10, lines 52-67; column 13, lines 22-67: "portal server session...user's front page

is displayed via the browser application"; column 14, lines 15-26) with the first user interface to

create software coding for generating portlets (i.e. modules)(column 4, lines 46-67: "software

objects"; column 6, lines 34-46; column 7, lines 5-24; column 14, lines 1-9: "module view object contains display logic for its module...generates the HTML for its front-page view"; column 3, lines 58-67; column 10, lines 52-62; column 13, lines 53-67)(Fig. 4);

displaying a second user interface, the second user interface configured to receive layout information declaratively specified by the user during the interactive session, the layout information indicative of a visualization of information from one or more data sources generated by a portlet when the portlet is included within a portal page (column 2, lines 3-12: "enable the user to revise the layout of the portal, change its color scheme"; column 4, lines 6-15: "user can determine which modules appear in each of the groups, as well as their order of appearance"; column 7, lines 65-67; column 8, lines 1-64; column 13, lines 53-67; column 14, lines 1-30; column 15, lines 6-45)(Fig. 5a & 5b);

determining a data source specification based on the access information received from a user during an interactive session with the first user interface (column 3, lines 61-67; column 4, lines 1-5; column 7, lines 5-25; column 10, lines 21-67);

determining a layout specification based on the layout information received from a user during an interactive session with the second user interface (column 2, lines 3-12; column 4, lines 6-14; column 7, lines 65-67; column 8, lines 1-64; column 13, lines 53-67; column 14, lines 1-30)(Fig. 5a & 5b);

generating software coding that represents an object that creates a portlet/GUI (i.e. module) based on the data source specification and the layout specification (column 7, lines 5-24; column 13, lines 53-65: "each module generates HTML...designated by the layout"; column

14, lines 3-9: "module view object contains display logic for its module…generates the HTML

for its front-page view"), the portlet configured to create a visual representation within the portal

page of data (column 13, lines 55-59)(Fig. 2) specified by the data source specification according

to the visualization indicated by the layout specification (column 2, lines 1-12; column 3, lines

40-56; column 4, lines 6-15; column 7, lines 5-25; column 13, lines 55-67; column 14, lines 1-

30)(Figs. 2 and 10-12);

retrieving data for the data source based on the data source specification and the access

information (column 7, lines 5-25; column 10, lines 52-67); determining a layout for the data

within the portlet based on the layout specification (column 2, lines 3-12; column 4, lines 6-14;

column 7, lines 65-67; column 8, lines 1-64)(Fig. 5a & 5b); and generating the page using the

portlet (column 2, lines 1-20; column 3, lines 44-65: "HTML web page")(Fig. 2).

While Anuff teaches displaying user interfaces for defining the content and layout of

portlets and portals, Anuff does not specifically teach the generating of a set of graphical user

interfaces by the computer system that enable user to construct software code that generates

portlets to be generated/included on a portlet page. Bales teaches automatically generating a set

of graphical user interfaces by a computer system that enable users to automatically construct

software code that generates portlets to be generated/included on a portlet page (Paragraphs 33-

34: "portlet components…portlet layout elements…wizard…automatically generate portlets",

35-36: "automates the creation of a portal"; and 39-61: "Portlet Generation…automatically

generating code for implementing a portlet"(Figs. 4A-Fig. 10). It would have been obvious to

one of ordinary skill in the art at the time of the invention for portal/portlet system of Anuff to

have included the set of generated user interfaces of Bales, because Bales taught that a wizard

based user interface method for automatically generating portlets and portals provided the user a

quicker and less cumbersome process for creating said portlets and portals (Paragraph 8:

"cumbersome...time and effort"; Paragraph 35: "automates the creation of a portlet and reduces

the number of steps otherwise needed for portlet creation"; Paragraph 36: "automates the

creation of a portal and reduces the number of steps otherwise needed for portal creation").

-In regard to dependent claims 2, 12, and 24, Anuff teaches wherein the data source

specification comprises a data type for the data source (column 3, lines 61-67; column 4, lines 1-

5; column 7, lines 5-25; column 10, lines 52-67).

-In regard to dependent claims 3 and 13, Anuff teaches wherein the data type comprises

at least one of a spreadsheet data type, XML data type, SQL data type, web service data type,

and a web page data type (column 3, lines 61-67; column 4, lines 1-5; column 7, lines 5-25;

column 10, lines 52-67).

-In regard to dependent claims 4, 14, and 25, Anuff teaches wherein the access

information comprises a path to the data source (column 3, lines 58-67; column 4, lines 1-5;

column 7, lines 5-25; column 10, lines 52-62; column 13, lines 53-67; column 14, lines 1-9).

-In regard to dependent claims 6, 16, and 27, Anuff teaches wherein the data source

specification comprises a filtering specification that filters data retrieved from the data source

(column 7, lines 20-22: "obtain filtered data from a network location").

-In regard to dependent claims 7, and 18, Anuff teaches wherein the layout specification comprises a tabular layout (column 4, lines 6-14; column 7, lines 65-67; column 8, lines 1-64)(Fig. 5a & 5b).

-In regard to dependent claims 8 and 19, Anuff teaches wherein determining the layout comprises formatting the retrieved data using the specified layout (column 2, lines 3-12; column 4, lines 6-14; column 7, lines 65-67; column 8, lines 1-64)(Fig. 5a & 5b).

-In regard to dependent claims 9, 21, and 28, Anuff teaches wherein the page comprises a web-based page (column 3, lines 44-47: "HTML web page")(Fig. 2).

-In regard to dependent claims 10, 23, and 29, Anuff teaches wherein the page comprises a portlet (column 3, lines 44-47: "modules containing the resources")(Fig. 2).

-In regard to dependent claim 17, Anuff teaches wherein the layout interface comprises one or more layout options that enables the user to declaratively specify a layout type (column 2, lines 3-12; column 4, lines 6-14; column 7, lines 65-67; column 8, lines 1-64)(Fig. 5a & 5b).

-In regard to dependent claims 5, 15, and 26, Anuff teaches wherein the user can customize the portal to access a particular type of resource on a network (column 3, lines 58-67; column 4, lines 1-5). Anuff also teaches wherein the user selected accessed resource could be

external web sites (column 7, lines 5-25; column 10, lines 52-67). Anuff does not specifically

teach wherein the access the path to these resources comprises a URL. It would have been

obvious to one of ordinary skill in the art at the time of the invention for the access of said web

sites to have included utilizing the sites URL's, because it was notoriously well known at the

time of the invention that URL's provided the benefit of accessing resources on the Internet.

6.   Claim 20 is rejected under 35 U.S.C. 103(a) as being unpatentable over Anuff et al (US-

6,327,628 12/04/01) in view of Bales et al (US-2004/0010598 01/15/04) in further view of

Maslov (US-6,538,673 03/25/03).

        -In regard to dependent claim 20, Anuff teaches wherein the user can customize the

portal to access a particular type of resource on a network (column 3, lines 58-67; column 4,

lines 1-5). Anuff also teaches wherein the user selected accessed resource could be external web

sites (column 7, lines 5-25; column 10, lines 52-67). Anuff does not specifically teach wherein

the data source interface does not include the access information for the data source before it was

declaratively specified by the user. Maslov teaches wherein the data source interface includes

the access information (i.e. URL) for the data source only after it was declaratively specified by

the user (column 5, lines 43-45 & 63-67; column 8, lines 56-62: "includes URL address"). It

would have been obvious to one of ordinary skill in the art at the time of the invention for the

data source interface to have not included the access information before the user specified the

data source, because Maslov teaches that it was notoriously well known in the art that before the

interface could know the access information the user must have browsed to the data source first

(column 5, lines 43-45 & 63-67; column 8, lines 56-62: "includes URL address"). Maslov taught

that this provided the benefit of only showing/storing the access information of specific user

designated data sources (column 5, lines 43-45 & 63-67; column 6, lines 15-19; column 8, lines

56-62: "includes URL address").

Response to Arguments

7.   Applicant's arguments with respect to the independent claims have been considered but

are moot in view of the new ground(s) of rejection.

Conclusion

8.   The prior art made of record and not relied upon is considered pertinent to applicant's

disclosure.

        Please note the additionally cited prior art references on the accompanying PTO-892

Form.

9.   Any inquiry concerning this communication or earlier communications from the

examiner should be directed to Adam L. Basehoar whose telephone number is (571)-272-4121.

The examiner can normally be reached on M-F: 7:00am - 4:00pm.

        If attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, Steve Hong can be reached on (571) 272-4124. The fax phone number for the

organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent
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information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Adam L Basehoar/
Primary Examiner, Art Unit 2178